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Part Number:

0503948051

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch, Milli-Grid Female Crimp Terminal, 0.38µm Select Gold, Reel, Lead free

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-51110-001-001 (PDF)

Packaging Specification 503940001-000 (PDF)

Product Guide (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

50394

Signal, Wire-to-Board, Wire-to-Wire

Yes

Milli-Grid Connector System

503948100 (Loose)

Milli-Grid

800753576193

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

50

Female

Copper Alloy

Gold

Nickel

24.300/mg

Reel

0.381µm

2.000µm

Crimp or Compression

1.40mm max.

24, 26, 28, 30

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

2.0A

125V AC (RMS)/DC

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

503940001-000

PS-51110-001-001

CS-50394-001, SD-50394-8XXX, SD-50394-8XXX-000



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series
50394 Series

Use With
Milli-Grid Receptacle Housing [51110](#) , [151100](#) , [151192](#)

Application Tooling | [FAQ](#)
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
Hand Crimp Tool for Milli-Grid and MicroBlade Crimp Terminals, 24-30 AWG	2133091200
Manual Extraction Tool	638131400
FineAdjust Applicator for 2.00mm Pitch Wire-to-Board	639005200

Crimp Terminals, 24-30 AWG Wire, Insulation OD 1.10-1.30mm FineAdjust Applicator	
for 2.00mm Pitch	
Wire-to-Board Crimp	
Terminal, 24-30	
AWG, Insulation OD	
0.90-1.10mm	
T2 Terminator Die	
Japan	
Description	
Product #	
Applicator for M211A	
Bench Press, 24-30	
AWG Wire	
S-1 Applicator for	
Milli-Grid Receptacle	
Terminal, 24-30	
AWG	

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Molex:

[50394-8051](#) [50394-8051 \(Cut Strip\)](#) [50394-8051 \(Mouser Reel\)](#)